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Application No. <u>09/826,055</u>	Prepared by <u>J. Robbins</u>	Tracking Number <u>05911556</u>	
Examiner-GAU <u>Siew-1637</u>	Date <u>7-7-04</u>	Week Date <u>3-1-04</u>	
	No. of queries	<u>IFW</u>	

JACKET

a. Serial No.	f. Foreign Priority	k. Print Claim(s)	p. PTO-1449
b. Applicant(s)	g. Disclaimer	l. Print Fig.	q. PTOL-85b
c. Continuing Data	h. Microfiche Appendix	m. Searched Column	r. Abstract
d. PCT	i. Title	n. PTO-270/328	s. Sheets/Figs
e. Domestic Priority	j. Claims Allowed	o. PTO-892	t. Other

SPECIFICATION

- a. Page Missing
- b. Text Continuity
- c. Holes through Data
- d. Other Missing Text
- e. Illegible Text
- f. Duplicate Text
- g. Brief Description
- h. Sequence Listing
- i. Appendix
- j. Amendments
- k. Other

CLAIMS

- a. Claim(s) Missing
- b. Improper Dependency
- c. Duplicate Numbers
- d. Incorrect Numbering
- e. Index Disagrees
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- g. Amendments
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- k. Other

MESSAGE

Please either initial or line through citations on PTO-1449 forms (6 forms). Copies provided for reference.

RESPONSE

Thank You
initials *[Signature]*

initials



Sheet 01 of 06

Form PTO-1449 Modified

List of Patents and Publications
Cited by Applicant
(Use several sheets if necessary)

U.S. Department of Commerce

Docket No.
P-457 (TI-0018)Serial No.
09/826,055Applicant
Gjerde et al.Filing Date
April 3, 2001Group
1637

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
	AA	4,855,255	8-8-89	William Goodhue	437	129
	AB	5,656,742	8-12-97	Mead McCabe	536	24.3
	AC	5,522,994	6-4-96	Frechet et al.	210	635
	AD	5,595,726	1-21-97	Magda et al.	424	9.61
	AE	4,647,529	3-3-87	Rodland et al.	435	6
	AF	5,772,889	6-30-98	Gjerde et al.	210	635
	AG	4,563,510	1-7-86	John Ugelstad	526	66
	AH	5,410,030	4-25-95	Yue et al.	536	23.1
	AI	5,321,130	6-14-94	Yue et al.	536	23.1
	AJ	5,432,134	7-11-95	Park et al.	501	134

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES NO
	AK	EP 0 634 640 A1	27-5-94	EPO	x

EXAMINER

DATE CONSIDERED



Sheet 02 of 06

Form PTO-1449 Modified List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce	Docket No. P-457 (TI-0018)	Serial No. 09/826,055
	Applicant Gjerde et al.	
	Filing Date April 3, 2001	Group 1637

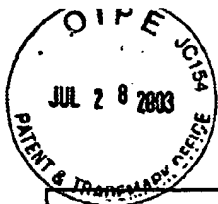
U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
	AL	5,445,946	8-29-95	Roth et al.	435	34
	AM	4,716,905	1-5-88	Laurence Schmued	128	654
	AN	5,800,996	9-1-98	Lee et al.	435	6
	AO	5,639,874	6-17-97	Middendorf et al.	536	25.32
	AP	5,795,976	8-18-98	Oefner et al.	536	25.4
	AQ	5,459,039	10-17-95	Modrich et al.	435	6
	AR	5,698,400	12-16-97	Cotton et al.	435	6
	AS	5,585,236	12-17-96	Bonn et al.	435	5
	AT	4,855,255	8-8-89	William Goodhue	437	129

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES NO	

EXAMINER	DATE CONSIDERED
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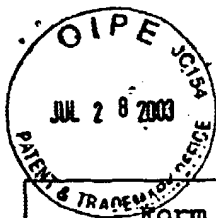
Form PTO-1449 Modified		Docket No. P-457 (TI-0018)	Serial No. 09/826,055
List of Patents and Publications Cited by Applicant (Use several sheets if necessary)		Applicant Gjerde et al.	
		Filing Date April 3, 2003	Group 1637
U.S. Department of Commerce			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	BA	Cabera et al., "A new challenge in fast high-performance liquid chromatography separations", Trends Analytical Chem. 1998 17(1):50-53	
	BB	Cooper et al., "An estimate of unique DNA sequence heterozygosity in the human genome", Human Genetics 1985 69:201-205	
	BC	Cotton, R.G.H., "Slowly but surely towards better scanning for mutations", TIG 1997 13(2):43-46	
	BD	H. Engelhardt et al., "Polymer Encapsulated Stationary Phases:Advantages, Properties and Selectives", Chromatographia 1989 27(11/12):535-543	
	BE	Goodwin et al., "Studies on the preparation and characterisation of monodisperse polystyrene latices", Colloid & Polymer Sci. 1974 252:464-471	
	BF	Guyer et al., "How is the Human Genome Project doing, and what have we learned so far?", Proc. Natl. Acad. Sci. USA 1995 92:10841-10848	
	BG	Hayward-Lester et al., "Accurate and Absolute Quantitative Measurement of Gene Expression by Single-tube RT-PCR and HPLC", Genome Research 1995 5:494-499	
	BH	He et al., "On-the-Fly Fluorescence Lifetime Detection of Dye-Labeled DNA Primers for Multiplex Analysis", Anal. Chem. 1998 70:3413-3418	
	BI	Huber et al., "Rapid Analysis of Biopolymers on Modified Non-Porous Polystyrene - Divinylbenzene Particles" Chromatographia 1993 36:653-658	
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U.S. Department of Commerce			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	BJ	Huber et al., "High-Resolution Liquid Chromatography of Oligonucleotides on Nonporous Alkylated Styrene-Divinylbenzene Copolymers" Anal. Biochem. 1993 212:351-358	
	BK	Jinno et al., "Manarity Recognition of Large Polycyclic Aromatic Hydrocarbons by Various Octadecylsilica Stationary Phases in Non-Aqueous Reversed-Phase Liquid Chromatography", Chromatographia 1989 27(7/8):285-291	
	BL	Kuklin et al., "Detection of Single-Nucleotide Polymorphisms with the WAVE™ DNA Fragment Analysis System", Genet. Test. 1997/98 1(3):201-206	
	BM	Liu et al., "Denaturing high performance liquid chromatography (DHPLC) used in the detection of germline and somatic mutations", Nucleic Acid Res. 1998 26:1396-1400	
	BN	Morgan et al., "Large-scale purification of haptenated oligonucleotides using high-performance liquid chromatography", J. Chromatography 1991 536:85-93	
	BO	Myers et al., "Modification of the melting properties of duplex DNA by attachment of a GC-rich DNA sequence as determined by denaturing gradient gel electrophoresis", Nucleic Acids Res. 1985 13:3111-3129	
	BP	Nakanishi et al., "Phase Separation in Silica Sol-Gel System Containing Poly(ethylene oxide). 1. Phase Relation and Gel Morphology", Bull. Chem. Soc. Jpn 1994 67:1327-1335	
	BQ	Nakanishi et al., "Double Pore Silica Gel Monolith Applied to Liquid Chromatography", J. Sol-Gel Sci. Technol. 1997 8:547-552	
	BR	Nunnally et al., "Characterization of Visible Dyes for Four-Delay Fluorescence Detection in DNA Sequencing", Anal. Chem. 1997 69:2392-2397	
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BS	Oefner et al., "High-Performance Liquid Chromatography for Routine Analysis of Hepatitis C Virus cDNA/PCR Products", BioTechniques 1994 16(5):898-908		
BT	Oefner et al., "High-Resolution Liquid Chromatography of Fluorescent Dye-Labeled Nucleic Acids", Anal. Biochem. 1994 223:39-46		
BU	Petro et al., "Molded Monolithic Rod of Macroporous Poly(Styrene-co-divinylbenzene) as a Separation Medium for HPLC of Synthetic Polymers: "On-Column" Precipitation-Redissolution Chromatography as an Alternative to Size Exclusion Chromatography of Styrene Oligomers and Polymers", Anal Chem 1996 68:315-321		
BV	Seielstad et al., "Construction of human Y-chromosomal haplotypes using a new polymorphic A to G transition", Human Mol. Genet. 1994 3(12):2159-2161		
BW	Sheffield et al., "Attachment of a 40-base-pair G+C-rich sequence (GC-clamp) to genomic DNA fragments by the polymerase chain reaction results in improved detection of single-base changes", Proc. Natl. Acad. Sci USA 1989 86:232-236		
BX	Underhill et al., "Detection of Numerous Y Chromosome Biallelic Polymorphisms by Denaturing High-Performance Liquid Chromatography", Genome Research 1997 7:996-1005		
BY	Underhill et al., "A pre-Columbian Y chromosome-specific transition and its implications for human evolutionary history", Proc. Natl. Acad. Sci. USA 1996 93:196-200		
BZ	Handbook of Fluorescent Probes and Research Chemicals, Ch. 8.1 1997		
CA	Oefner et al., DHPLC Workshop, Stanford University, Palo Alto, CA March 17, 1997		
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U.S. Department of Commerce			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	CB	Perrin in Organic Complexing Reagents: Structure, behavior, and Application to Inorganic Analysis, Robert E. Krieger Publishing Co., 1964	
	CC	Gjerde et al., in Ion Chromatography, 2nd Ed. Dr. Alfred Hühig Verlag Heidelberg 1987	
	CD	Poole, Colin F. and Salwa K. Poole, Chromatography Today, Elsevier: New York 1991 pp. 313-342	
	CE	Snyder R.L. and JJ Kirkland, Introduction to Modern Liquid Chromatography 2nd ed. John Wiley & Sons, Inc., New York 1979 pp. 272-278	
	CF	R.K. Iler in The Chemistry of Silica, Solubility, Polymerization, Colloid and Surface Properties, and Biochemistry, John Wiley & Sons: New York 1979	
	CG	Laboratory Methods for the Detection of Mutations and Polymorphisms, ed. GR Taylor CRC Press 1997	
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